

International Society of Nephrology

SCIENTIFIC PROGRAM

XIIth International Congress of Nephrology

Jerusalem, Israel

June 13–18, 1993

Outlined below are the scheduled State-of-the-Art Lectures and Symposia for each of the seven themes on the Congress plus surrounding presentations on additional topics not covered in the content of the themes. These invited presentations will be complemented by multiple Free Communication sessions (oral and poster).

The deadline for the receipt of abstracts is December 15, 1992.

For information write to the Secretariat, XIIth International Congress of Nephrology, P. O. Box 50006, Tel Aviv 61500, Israel (Tel.: 972-3-5174571; Fax: 972-3-660325).

THEME 1. BIOLOGY OF GLOMERULAR INJURY

Co-Organizers: H. L. Moses, USA

R. C. Atkins, Australia

STATE-OF-THE-ART LECTURES

Integrins (E.I. Rouslahti, USA); Cytokines/Growth Factors (H.L. Moses, USA); Endothelial-Leukocyte Interactions (R. Cotran, USA); Vasoactive and Proinflammatory Mediators of Glomerular Injury (G. Remuzzi, Italy); Pathogenesis and Clinical Spectrum of Focal Glomerular Sclerosis (H.G. Rennke, USA).

SYMPOSIA

1. Glomerular Cells as Targets and Reactants in Injury (Chair: R. Ardaillou, France)
Mesangial Cells (B. Sterzel, Ger.); Epithelial Cells (D. Kerjaschki, Austria); Endothelial Cells (P. Marsden, Can.); Transgenic Models (L. Striker, USA).
2. Matrix Production and Degradation (Chair: E.I. Rouslahti, USA)
Structure and Function of Matrix Macromolecules (G. Timpl, Ger.); Structure, Function and Regulation of Basement Membrane Proteoglycans (J. Hassell); Type IV Collagen: Regulation of Expression (P.D. Killen, USA); Proteinases and Matrix Turnover (M. Davies, UK).
3. Mechanisms of Cytokine Action (Chair: H.L. Moses, USA)
Receptors: IL-2 (W. Leonard, USA); Cytokine Receptor Inhibition (IL-1Ab) IL-1 (J.-M. Dayer, Switz.); Cytokines and Signalling (J. Schlesinger, USA); Intracellular Inhibitors of Cytokine Action on Cell Proliferation (A. Balmain, UK).

4. Cytokines and Glomerular Inflammation (Chair: L. Baud, France)
TNF (L. Baud, France); TGF β (W. Border, USA); PDGF (H. Abboud, USA); IL-6 and IL-8 (Matsushima, Japan).
5. Adhesion Molecules in Inflammation (Chair: R.C. Atkins, Aust.)
Participants: H. Brady, USA; R.C. Atkins, Aust.; D. Haskard, UK.
6. Mediators of Inflammation (Chair: W. Couser, USA)
Complement and Complement Inhibitors (W. Couser, USA); Arachidonate Metabolites (J. Bernheim, Israel); Coagulation (E. Rondeau, France); Oxygen Radicals (Inoue, Japan).
7. Advances in Vasculitis and Rapidly Progressive Glomerulonephritis (Chair: R. Wiggins, USA)
Mechanisms of Crescent Formation (R. Wiggins, USA); Anti-endothelial Antibodies in Vasculitis (C. Savage, UK); ANCA (R. Falk, USA); Clinical and Pathophysiological Aspects of Vasculitis and Pauci-Immune Glomerulitis (C.M. Kallenberg, Neth).
8. Mechanisms of Progression of Glomerular Disease (Chair: H.G. Rennke, USA)
Lipids and Macrophages: Mechanisms of Protection (G. Schreiner, USA); Ammonia, Complement and Tubulointerstitial Damage (K. Nath, USA); Altered Permeability to Proteins (T. Bertani, Italy); Hemodynamic Mechanisms (J. Herrera-Acosta, Mex).

THEME 2. BIOLOGY OF THE TUBULE EPITHELIAL CELL

Organizer: H. Murer, Switz.

STATE-OF-THE-ART LECTURES

Kidney Cells in Culture: A Way to Understand Tubule Function at a Molecular Level (H. Murer, Switz.); Na-K-ATPase: Structure, Function and Gene Regulation (J. Lingrel, USA); The Structure and Function of Water Channels (W. Harris, USA); Structure-Function Studies of the Cystic Fibrosis Gene Product (R.A. Frizzel, USA); Molecular Biology of Na/H-Exchanger Isoforms (J. Pouyssegur, France).

SYMPOSIA

1. Tubule Cells in Culture (Chair: M. Cereijido, Mex.)
The Making of a Transporting Epithelium Depends on Extracellular Signals (M. Cereijido, Mex.); AII Response of Proximal Tubule Cells in Primary Culture of Derived Cell Lines (U. Hopfer, USA); Expression of Specific Functions in Immortalized Tubule Cells (P. Ronco, France); Cell Culture in the Study of Polycystic Kidney Disease (J.J. Grantham, USA).

2. Tubule Cells in Culture: Models of Polarity (Chair: W.J. Nelson, USA)

Cell Adhesion and the Development of Epithelial Cell Polarity (W.J. Nelson, USA); Role of Actin Binding Proteins in the Development of Brush Border (D. Louvard, France); Biogenesis of Epithelial Cell Polarity (E. Rodriguez-Boulant, USA); Polarized Delivery of Membrane Transporters in Renal Tubule Epithelial Cells (D. Brown, USA).

3. Na-K-ATPase (Chair: D. Fambrough, USA)

Altered States: Mutant Hybrid and Chimeric Pumps (D. Fambrough, USA); Functional Heterogeneity of Na-K-ATPase in the Nephron and Its Pathophysiological Regulation (A. Doucet, France); Hormonal Regulation of the Na-K-ATPase in Kidney Cells (B. Rossier, Switz.); Pathophysiological Perspectives of Na-K-ATPase (H. Wald, Israel).

4. H-ATPase (Chair: S. Gluck, USA)

Structure and Function and Function of the Vacuolar H-ATPase in Renal Epithelial Cells (S. Gluck, USA); Expression of H-K-ATPase-Like Proteins in the Kidney and in Transfected Epithelial Cells in Culture (M. Caplan, USA); Physiological Perspectives of ATP-Driven H-Extrusion Mechanisms in the Nephron (E. Bello-Reuss, USA).

5. Sodium Channels/Potassium Channels (Chair: G. Giebisch, USA)

Regulation of K^+ and Cl^- Channel in Epithelia (R. Greger, Ger.); Molecular Biology of Renal K^+ Channels (W. Guggino, USA); Molecular Properties of Epithelial Sodium and Potassium Channels (M. Lazdunski, France); Physiological Perspectives of Defined K^+ -Channels in the Nephron (G. Giebisch, USA).

6. Chloride Channels (Chair: Q. Al-Awqati, USA)

The Chloride Channel of Intracellular Organelles and Its Physiological Regulation (Q. Al-Awqati, USA); Regulation of Expression of Cl^- Transport in Epithelial Cells (Z.I. Cabantchick, Israel); Structure and Function of Voltage-Gated Chloride Channels (T. Jentsch, Ger.); Structure Function Studies of Epithelial Chloride Channel (J.W. Hanrahan, Can.).

7. Na-Dependent Co-transport (Chair: J. Handler, USA)

Cloning, Structure and Regulation of Renal Osmolyte Transporters (J. Handler, USA); Structure and Regulations of the Na/K/2Cl Co-transport System (E. Hoffman, Den.); Molecular Aspects of Renal Na/Pi-Co-transport (J. Biber, Switz.); Modulation of Na/Solute Co-Transporters by Mediators and Lipidic Environment: Physiological Implications (G. Friedlander, France).

8. Anion Exchangers (Chair: S.L. Alper, USA)

Anion Exchanger Expression and Regulation in Other Epithelial Cells (S.L. Alper, USA); Anion Exchanger and Stilbene-Sensitive Anion Transporters in the Proximal Tubule (P.S. Aronson, USA); Structure and Function of Cation-Independent Anion Exchangers (R.R. Kopito, USA); Anion Exchangers in Rabbit Ileal Enterocytes (R.G. Knickelbein, USA).

THEME 3. REGULATION OF THE IMMUNE RESPONSE

Co-Organizers: I. Cohen, Israel

T. Strom, USA

STATE-OF-THE-ART LECTURES

T Cell Receptor (TBA); Tolerance (TBA); Models of Autoimmunity (I. Cohen, Israel); T Cells in Autoimmunity and Allograft Rejection (A. Krensky, USA); Immunologic Tolerance (T. Strom, USA).

SYMPOSIUM

1. MHC (Chair: P. Parham, USA)

Ontogeny of MHC Genes (P. Parham, USA); MHC Class II Structure and Function (R. Germain, USA); Processing of Class I Restricted Peptides (TBA); Processing of Class II Restricted Peptides (TBA).

2. T Cell Receptors and Repertoire Selection (Chair: TBA)

T Cell Receptor Structure and Assembly (TBA); Repertoire Selection (P. Kieselow, Switz.); TCR and CD3 (C. Terhorst, USA); Peptides in Thymic Selection (M. Bevan, USA).

3. Central and Peripheral Mechanisms of Tolerance (Chair: H.R. MacDonald, Switz.)

Positive and Negative Selection (D. Loh, USA); Clonal Anergy (H.R. MacDonald, Switz.); The Gamma-Delta Repertoire (M. Julius, Can.); Mechanisms of Allograft Tolerance (B. Charpentier, France).

4. Cellular and Molecular Basis of Autoimmunity (Chair: A. Coutinho, France)

Antibody Structure (R. Poljack, France); B Cell Repertoire (A. Coutinho, France); Identification of Autoimmune Epitopes (TBA); T Cell Receptor Genes in Autoimmunity (TBA).

5. Renal Autoimmunity (Chair: Ph. Druet, France)

Drug-Induced Autoimmunity (Ph. Druet, France); Allogenic Disease and Autoimmunity (M. Goldman, Belg.); MHC, Class II and Autoimmunity (J. Weening, Neth.); Renal Antigens in Glomerulonephritis (P. Verroust, France).

6. New Specific Approaches to the Treatment of Auto- and Alloimmunity (Chair: T. Strom, USA)

The Pharmacology of T Cell Activation (M. Suthanthiran, USA); Anti-Idiotypic Antibodies (Y. Schoenfeld, Israel); T Cell Vaccination (F. Mor, Israel); Monoclonal Antibodies (J.P. Soullilou, France).

7. New Perspectives in Transplantation (Chair: T. Strom, USA)

Chimeric Toxins (T. Strom, USA); Xenograft Transplantation (H. Auchincloss, USA); The Hypersensitized Patient (F.H. Claas, Neth.); Blood Transfusions, Cytotoxic Lymphocytes and Transplant Tolerance (L.P. de Waal, Neth.).

8. Complications of Long-Term Immunosuppression (Chair: J.H. Helderma, USA)

EBV and Post-Transplant Lymphoma (TBA); Hypertension, Lipids and Atherosclerosis Post-Transplantation (J.H. Helderma, USA); HBV/HCV and the Post-Transplant Patient (TBA).

THEME 4. HYPERTENSION*Organizer: P. Corvol, France***STATE-OF-THE-ART LECTURES**

Angiotensin Generation and Metabolism (M. Schalekamp, Neth.); Genetics of Human Hypertension (R. Williams, USA); Ecto-Enzymes and Blood Pressure Regulation (P. Corvol, France); Intracellular Signalling Mechanisms in Hypertension (P. Hamet, Can.); Ambulatory Monitoring of Blood Pressure (G. Mancia, Italy).

SYMPOSIA

1. Renovascular Hypertension, 1993 (Chair: C. Wilcox, USA)
Non-Invasive Diagnosis (A.B. Dardenne, Belg.); ACE Inhibitors for Diagnosis of Renovascular Hypertension (C. Wilcox, USA); Mini-Workshop on Treatment—Surgeon (A. Novick, USA);—Angioplasty for Renovascular Hypertension and Preservation of Renal Function (T. Sos, USA);—Medical (T. Morgan, Aust.).
2. Special Forms of Hypertension (Chair: A. Mimran, France)
Hypertension in Transplantation (J. Curtis, USA); Hypertension in Pregnancy (C. Redman, UK); Hypertension in Child and Adolescent (B. Falkner, USA); Ethnic Variations in Hypertension (H. Pratt, USA).
3. Molecular Genetics of Hypertension (Chair: D. Ganten, Ger.)
Transgenic Approaches to the Study of Renin Gene Expression (K. Gross, USA); Hypertension in Transgenic Animals (D. Ganten, Ger.); Mapping of Rat Genome (T. Kurtz, USA); Finding Genes Causing Hypertension (R. Lifton, USA).
4. Molecular Mechanisms in Hypertension (Chair: P. Corvol, France)
Renin Processing (K. Murakami, Japan); The Regulated Expression of the Renin Angiotensin System (K. Bernstein, USA); Angiotensin Receptor Gene Expression and Regulation (T. Inagami, USA); Molecular Structure, Function and Signalling of Alpha Receptors (R. Graham, USA).
5. Peptide and Enzyme Inhibitors (Chair: O. Carretero, USA)
Vasoactive Peptides and Metalloendopeptidase Inhibitors in Hypertension (O. Carretero, USA); Dual Inhibition of Neutral Endopeptidases and Angiotensin I Converting Enzymes: Rational Design of Inhibitors and Potential Interest as New Anti-Hypertensives (B. Roques, France); AII Receptor Antagonists (P. Timmermans, USA); New Developments in ACE Structure, Regulation and Inhibition (F. Alhenc-Gelas, France).
6. EDRF and Nitric-Oxide (Chair: L. Ignarro, USA)
L-Arginine-Nitric Oxide and Endothelin in Cardiovascular Homeostasis and Experimental Hypertension (T. Luscher, Switz.); NO and Transcellular Communication (L. Ignarro, USA); L-Arginine NO-Pathway and the Glomerulus (L. Raij, USA).

7. Endothelin (Chair: F. Buhler, Switz.)

Molecular Basis of Synthesis and Action of Endothelins (M. Yanagisawa, USA); Regulation of Endothelin Gene Expression (C. Zoja, Italy); Endothelins as Regulators of Vascular Tone (F. Buhler, Switz., A.W.A. Hahn, T.J. Resin, W. Kiowski, T.F. Luscher); The Pathophysiology of Endothelin in Cardio-Renal Disease (J. Burnett, USA).

8. Prevention of Atherosclerosis by Antihypertensive Treatment: Facts or Fancy? (Chair: N. Kaplan, USA)
Dietary Interventions (N. Kaplan, USA); Calcium Channel Blockers (M. Safar, France); ACE Inhibitors (H. Brunner, Switz.); Alpha Blockers (R. Graham, USA).

THEME 5. ACUTE RENAL FAILURE*Organizer: K. Solez, Canada***STATE-OF-THE-ART LECTURES**

Metabolic Basis of Cellular Injury (L. Mandel, USA); Role of Calcium in Cell Injury (E. Carafoli, Switz.); Renal Biopsy in Acute Renal Failure (K. Solez, Can.).

SYMPOSIA

1. Cellular Mechanisms of Injury I (Chair: S. Gullans, USA)
Plasma Membrane and Mitochondrial Injury (S. Gullans, USA); Renal Proteases (P. Wilson, USA); Oxygen-Free Radicals (S.V. Shah, USA); Alterations of Membrane Fluidity (C. Le Grimellec, France).
2. Cellular Mechanisms of Injury II (Chair: B. Molitoris, USA)
Disruption of Epithelial Polarity in Cellular Injury (B. Molitoris, USA); Cytoskeletal Reorganization and Detachment in Injured Cells (L. Racusen, Can.); Ultrastructural Alterations in Renal Cell Injury (M. Venkatachalam, USA); Intracellular Calcium in Acute Renal Failure (H. Endou, Japan).
3. Cellular Mechanisms of Repair (Chair: W.D. Humes, USA)
EGF in Repair of Renal Injury (H.D. Humes, USA); Nucleotides and Nucleotidase Inhibition (N. Siegel, USA); Glycine and Other Small Solutes in Cell Repair (J. Weinberg, USA); Multidrug Resistance Genes and Cytotoxicity (K. Skorecki, Can.).
4. Mediators and Modifiers of Acute Renal Failure (Chair: J. Conger, USA)
Arachidonic Acid Products (A. Morrison); EDRF and ANP (J. Conger, USA); Endothelins (V. Kon, USA); TNF and PAF in ARF (J.M. Lopez-Novoa, Spain).
5. Clinical Spectrum of Acute Renal Failure (Chair: F. Epstein, USA)
ARF in Pregnancy (M. Beaufils, France); Hepatorenal Syndrome (J. Green, USA); ARF in Rhabdomyolysis (O. Better, Israel); Post-Transplant ARF (U. Frei, Ger.).
6. Clinical Strategies for Enhancing Recovery of ARF (Chair: N. Lemeire, Belg.)
Ca Channel Blockers (M. Epstein, USA); Diuretics and ANP (W. Leiberthal, USA); Pathophysiologic Implications (W. Finn, USA); Dialytic and Nutritional Strategies (H.E. Eliahou, Israel).

THEME 6. DIALYSIS

*Co-Organizers: K. Koch, Germany
R. Hakim, USA*

STATE-OF-THE-ART LECTURES

Adequacy of Dialysis: An Important Determinant of Morbidity and Mortality (R. Lindsay, Can.); Erythropoietin: The Promise and the Facts (J. Eschbach, USA); Biocompatibility of Dialysis Membranes (E. Ritz, Ger.); Dialysis of the Diabetic Patient: Problems and Solutions (A. Collins, USA); Immunological Considerations of the Dialysis Patient (L. Chatenoud, France).

SYMPOSIA

- Advances in Hemodialytic Techniques (Chair: N.W. Levin, USA)
Advances in Dialysate Composition (K.M.L. Leunissen, Neth.); Advances in Membrane Technology (H. Graf, Aus.); On-Line Assessment of Dialysis (N.W. Levin, USA); Continuous Hemofiltration and Hemodialysis (H.G. Sieberth, Ger.).
- Advances in Peritoneal Dialysis Technology (Chair: J. Diaz-Buxo, USA)
CAPD Technology (J. Diaz-Buxo, USA); Advances in Dialysate Composition (B. Linholm, Sweden); Advances in Connectology and Dialysate Delivery Techniques (M. Nakamota, Japan); Advances in Assessment of Adequacy in CAPD (F. Gotch, USA).
- Erythropoietin I (Chair: F. Valderrabano, Spain)
Cardiovascular Effects of EPO (Valderrabano, Spain); Metabolic Effects of EPO (C-S. Lee, Korea); Rehabilitation After Starting EPO (A. Nissenson, USA); Immunological Effects of EPO (U. Gafter, Israel).
- Erythropoietin II (Chair: V. Lim, USA)
Effect of EPO on Adequacy of Dialysis (V. Lim, USA); Routes, Frequency of Administration and Effect of Dialysis Membranes (TBA); Effect of EPO on Progression of Renal Disease (TBA); Effect of EPO on Platelet and WBC Function (R. Castillo, Spain).
- Clinical Relevance of Biocompatibility (Chair: C. Van Ypersele, Belg.)
Amyloidosis: Is It Related To Biocompatibility? (C. Van Ypersele, Belg.); Infections in Dialysis Patients (R. Van Holder, Belg.); Adequacy and Malnutrition in Dialysis Patients: Is It Related To Biocompatibility? (J. Bergström, Sweden); Cytokine Hypothesis (L. Henderson, USA).
- Peritoneal Dialysis (Chair: N. Thompson, Aust.)
Host Defense in CAPD (PD Cytology and Toxicology), (F.B. Pederson, Den.); Peritonitis: Advances in Diagnosis and Treatment (R. Gagnon, Can.); Determinants of Success of Long-Term CAPD (N. Thompson, Aust.); Loss of Ultrafiltration in CAPD (R. McTier, UK).
- Improvements in Delivery of Dialysis (Chair: V. Bonomini, Italy)
Chronic Access Patency: Problems and Solutions (S. Schwab, USA); Advances in Renal Replacement Ther-

apy: High Flux/High Efficiency (J. Botella, Spain); Endotoxins and Pyrogenic Reactions in High Flux Dialyzers (G. Lonneman, Ger.); Determination of Recirculation (T. Depner, USA).

- Advances in Diagnosis and Treatment of Bone Diseases and Metastatic Calcification (Chair: F. Llach, USA)
Role of Vitamin D (Oral and IV) and Dialysate Calcium (F. Llach, USA); Phosphate Control, PTH and Calcitonin in Dialysis Patients (G. Coen, Italy); Role of Aluminum and Iron in Bone Disease (TBA); Amyloid Bone Disease (T. Druëke, France).
- Dialysis, Pheresis and Immunoabsorption in Special Populations (Chair: C.M. Lockwood, UK)
Dialysis in Patients with Chronic Infection (T.K.S. Rao, USA); Plasmapheresis in the Treatment of Systemic Diseases (C.M. Lockwood, UK); Immunoabsorption and Other Techniques for Removal of Cholesterol (C. Olbricht, Ger.).

THEME 7. DIABETIC GLOMERULOPATHY

*Co-Organizers: G.C. Viberti, UK
H.H. Parving, Denmark*

STATE-OF-THE-ART LECTURES

The Pathogenesis of Diabetes Mellitus (H. Keen, UK); Animal and Human Models of Renal Injury in Diabetes (M. Mauer, USA).

SYMPOSIA

- Glomerular Response to Hyperglycaemia and Diabetes (Chair: G.C. Viberti, UK)
The Role of Glycosylation in Diabetic Glomerulopathy (H. Vlassara, USA); Role of Cell Membrane Transport Systems in Human Diabetic Nephrology (R. Trevisan, Italy); The Glomerular Mesangium in Diabetes Mellitus (J. Kreisberg, USA); Modulators of Renal Function in Human Diabetes (J. Sandahl Christiansen, Den.).
- Similarities and Differences Between IDDM and NIDDM (Chair: T. Deckert, Den.)
Epidemiological Aspects of Renal and Cardiovascular Disease in IDDM vs. NIDDM (A. Krolewski, USA); Glomerular Function in IDDM vs. NIDDM (B. Myers, USA); Microalbuminuria in IDDM and NIDDM (C.E. Mogensen, Den.); Insulin Resistance and Its Vascular Complications in Diabetes (E. Ferrannini, Italy).
- Prevention and Treatment of Diabetic Nephropathy (Chair: H.H. Parving, Den.)
Prevention of Diabetic Nephropathy: Studies in Microalbuminuric Patients (H.H. Parving, Den.); Low Protein Diet in the Prevention and Treatment of Diabetic Nephropathy (G.C. Viberti, UK); Antihypertensive Treatment in Diabetic Nephropathy (S. Björck, Sweden); Blood Glucose Control and Diabetic Nephropathy (J. Barbosa, USA).
- Treatment of ESRD in Diabetes (Chair: E.A. Friedman, USA)
Participants: R. Nakache, Israel; R. Bilous, UK; C. Jacobs, France; H. Brynger, Sweden; R. Gokal, UK; J. Jervel, Nor.

ADDITIONAL TOPICS

STATE-OF-THE-ART LECTURES

The Kidney and Calcium Regulating System (K. Kurokawa, Jap.); Biology Physiology and Pathophysiology of PTH-RP (J. Martin, Aust.); Immunotactoid Nephropathy (S. Korbet, USA); Biology of Aging (S. Gamber, USA); FK506 (TBA); Mechanisms of Tubulointerstitial Fibrosis (E. Neilson, USA).

SYMPOSIA

1. Renal Calcium Transport (Chair: R. Kumar, USA)
Ca-ATPase (J. Lytton, USA); Ca Channels (TBA); Mechanism of Action of PTH on Ca^{2+} Transport in the Distal Nephron Segment (K. Yoshitomi, Japan); Role of Vitamin D in Tubular Calcium Transport (R. Kumar, USA).
2. Renal Phosphate Transport (Chair: M. Levi, USA)
Purification, Characterization and Cytolocalization of the Sodium Phosphate Co-Transporter (H. Debiec, France); Interaction of PTH and Vitamin D Derivatives in the Regulation of Renal Phosphate Transport (M.M. Popovtzer, Israel); The Role of Growth Factors in Renal Phosphate Transport (M.R. Hammerman, USA); The Role of Perturbations in Membrane Lipid Composition and of Fluidity in the Regulation of Phosphate Transport (M. Levi, USA).
3. Receptors and Molecular Action of Calcium Regulating Hormones (Chair: E. Ogata, Japan)
Molecular Action of Vitamin D Receptors (J.W. Pike, USA); Characterization of Clone PTH/PTH-Related Peptide Receptors (G. Segre, USA); Calcitonin Receptor (S. Goldring, USA); G Proteins (E. Ogata, Japan).
4. Clinical Application of Vitamin D and Its Analogues (Chair: T. Suda, Japan)
The Role of Vitamin D in Bone (T. Suda, Japan); Clinical Use of $1,25(\text{OH})_2\text{D}_3$ in Uremic Bone Disease and Its Analogues (E. Slatopolsky, USA); Clinical Use of $24,25(\text{OH})_2\text{D}_3$ in Uremic Bone Disease (D. Rubinger, Israel); New Vitamin D Analogues (Y. Nishii, Japan).
5. Polycystic Kidney Diseases (Chair: S. Reenders, USA)
Molecular Genetics (M. Brueuing, Neth.); Pathophysiology of Cyst Formation and Progression (E. Avner, USA); Progression of Cystic Renal Disease (P.S. Parfrey, Can.); Recessive PKD (L. Guay-Woodford, USA).
6. Alport Syndrome (Chair: K. Tryggvason, Fin.)
 $\alpha 5(\text{IV})$ in Normal and in Alport Basement Membrane (K. Tryggvason, Fin.); Molecular Defects in Families with Alport Syndrome (B. Knebelmann, France); Correlation Between Clinical Presentation, Pathological Changes and DNA Lesions (C. Kashtan, USA); Thin Membrane Nephropathy: A Critical Review (R. Waldherr, Ger.).
7. Genetic Counseling in Inherited Kidney Diseases (Chair: J.P. Grunfeld, France)
Participants: J.J. Grantham, USA; M. Levy, France; F. Flinter, UK; G. Germino, USA.
8. Von Hippel-Lindau Syndrome and Renal Tumors (Chair: B.R. Seizinger, USA)
Molecular Genetics of Von Hippel-Lindau Syndrome (B.R. Seizinger, USA); Molecular Genetics of Renal

Cell Carcinoma (A. Feinberg, USA); Clinical Aspects of Von Hippel-Lindau Disease (H.P.H. Neumann, Ger.).

9. Immunotactoid Nephropathy (Chair: M. Pras, Israel)
Chemical Classes of Amyloidosis (B. Frangione, USA); Precursors of SAA Amyloid Fibrils (M. Peppys, UK); Correlation Between Clinical Symptoms and Chemical Structure of Fibrils (M. Pras, Israel); Therapeutic Approach to Amyloidosis (D. Zemer, Israel).
10. Lipids and Renal Disease (Co-Chairs: J. Moorhead, UK; W.F. Keane, USA)
Effect on Lipids on the Renal Interstitium and Tubule Cells (J. Moorhead, UK); Effect on Lipids on Glomerular Mesangial Cell Biology and Matrix Regulation (W.F. Keane, USA); Effect of Lipids on Glomerular Macrophage Recruitment and Function (J. Diamond, USA); Nephrotic Syndrome and Hyperlipidemia: Causes and Consequences (G. Kaysen, USA).
11. Hypertension in the Elderly (Chair: H. Gavras, USA)
Pathophysiology (H. Gavras, USA); Cholesterol Abnormalities in the Elderly (R. Hegele, Can.); Should Hypertension Be Treated in the Elderly? (TBA); Treatment Regimens for Hypertension in the Elderly (R. Ogilvie, Can.).
12. End-Stage Renal Disease in the Elderly (Chair: D. Oreopoulos, Can.)
Hemodialysis in the Elderly (E.A. Friedman, USA); Peritoneal Dialysis in the Elderly (D. Oreopoulos, Can.); Transplantation in the Elderly (H. Brynger, Swe.); Decisions to Forego Treatment in the Elderly (C. Kjellstrand, USA).
13. Natriuretic Substances (Chair: M.L. Zeidel, USA)
Atrial Natriuretic Peptides (M.L. Zeidel, USA); Urodilatin and Renally Derived Natriuretic Peptides (W.G. Forssman, Ger.); Regulation of Renal Na/K-ATPase (A. Aperia, Sweden); Endogenous Ouabain-Like Factors (M.P. Blaustein, USA).
14. Cyclosporine in Non-Transplant Renal Diseases
Cyclosporine in Experimental Models of Proteinuria Mechanisms of the Anti-Proteinuric Effect (H.M. Berden, Neth.); CyA in Minimal Change and Focal Segmental Sclerosis (P. Niaudet, France); CyA in Membranous Nephropathy (D.C. Cattran, Can.); CyA in SLE and Vasculitis (H. Favre, Switz.).
15. AIDS and the Kidney (Chair: J. Bourgoignie, USA)
Nephropathy in Simian Aids (C. Alpers, USA); Renal Complications of HIV Infections (M. Humphreys, USA); HIV-Associated Nephropathy and Epidemiology, Clinical Manifestations and Treatment (J. Bourgoignie, USA); Pathology and Pathogenesis of HIV-Associated Nephropathy (R.P. Chander, USA); Pathogenesis of HIV-Associated Nephropathy (H. Kimmel, USA).
16. Tubulointerstitial Injury (Chair: V. Rubin-Kelley, USA)
Molecular Mechanisms of Tubulointerstitial Growth (G. Wolf, Ger.); Mononuclear Cell Infiltration and Its Correlation With Interstitial Injury and Renal Failure (R. Atkins, Aust.); Mechanisms of Immune-Epithelial Cell Adhesion (V. Rubin-Kelley, USA); Molecular Regulation of Nephritogenic T Lymphocytes (C. Kelly, USA).

PLUS

1. Clinical Case Discussions daily.
2. A special Nephrology Forum for subsequent publication in *Kidney International*.
3. Quiz of the Day.
4. Clinical "Debates" or Panel Discussions daily on such topics as Nephrolithiasis (A. Fournier, France); Recurrent Urinary Tract Infection (J. Michel, Israel); New Modalities for Treatment of Glomerulonephritis (C. Ponticelli, Italy); New Imaging Techniques (A. Dardenne, Belg.); Diagnostic Approach in Asymptomatic Hematuria (P. Kincaid-Smith, Aust.); Drug-Induced Nephropathy (W.M. Bennett, USA).

ISN Sponsorship of Meetings

The International Society of Nephrology (ISN) encourages the organizers of scientific symposia, workshops, and conferences held independently of the International Congress of Nephrology to apply to hold these meetings under the auspices of ISN.

In general, such an arrangement does not include an offer of financial support on the part of ISN. In special cases, however, the Society may be able to offer seed money.

Organizers who wish to apply to hold their meetings under the auspices of the Society should include the following information in their applications:

1. Topic and purpose of meeting.
2. Location and date of meeting.
3. Names of members of scientific organizing committee.
4. Names of co-sponsors and sources of financial support.
5. Names and topics of invited speakers.
6. Statement regarding whether or not free communications will be sought.

Applications will not be accepted from organizers of regularly, or routinely, scheduled regional, national, or international meetings.

Applicants should be submitted to Dr. Claude Amiel, Secretary General, ISN, Département de Physiologie, 16, rue Henri-Huchard, 75018 Paris, France.

Publications and announcements of meetings held under ISN's auspices should include the statement of acknowledgment: "... was held under the auspices of the International Society of Nephrology."

Membership

Any member of a national society of nephrology is eligible for proposal to membership in the International Society of Nephrology and receipt of the Society's official Journal, *Kidney International*. A subscription to *Kidney International* (including all Supplements) for calendar year 1991 is included in the annual 1991 dues of US \$100.00. Potential members can secure application forms for membership by writing directly to Dr. C. Craig Tisher, Treasurer, International Society of Nephrology, P.O. Box J-231, J. Hillis Miller Health Center, 1600 SW Archer Rd., University of Florida, Gainesville, Florida 32610, USA. The completed application form must be signed by two sponsors who are current Fellow members of the ISN and then returned to Dr. Tisher along with a check or money order for the first

year's dues of \$100.00. (Checks should be made payable to the International Society of Nephrology. Checks from outside the USA can be paid through any United States bank.)

Guidelines for sponsorship of symposia, postgraduate courses, or workshops by the International Society of Nephrology

The International Society of Nephrology (ISN) encourages the organizers of scientific symposia, postgraduate courses, or workshops to apply to the Society for sponsorship. ISN sponsorship will provide: (1) use of the Society's name as a sponsor or co-sponsor; (2) announcement of the meeting in *Kidney International*, contingent upon the receipt of written information in the Editorial office at least 6 months in advance of the meeting; (3) the possibility of partial financial support. Applications must include the following information: (1) the topic, purpose, location and date(s) of the meeting; (2) the names and titles of the members of the scientific organizing committee; (3) a list of all co-sponsoring institutions, if any, and sources of financial support; (4) the total revenue and expense budget for the proposed meeting, by major category; (5) the names and institutions of origin of all invited speakers, and their topics; (6) a statement as to whether manuscripts will be solicited from invited speakers, or free communications sought from others; (7) an expression of willingness to include the following acknowledgment on all publications: "... was held under the auspices of the International Society of Nephrology."

These guidelines do not apply to satellite symposia to be held in close proximity to a triennial Congress. Furthermore, the ISN will not sponsor or co-sponsor any regularly scheduled or routine international, national, or regional meeting, nor will it co-sponsor postgraduate courses with other international societies or groups.

Applications for sponsorship must be submitted directly to Dr. Roscoe R. Robinson, President, International Society of Nephrology, D-3300 Medical Center North, Vanderbilt University School of Medicine, 21st Avenue South at Garland, Nashville, Tennessee 37232, USA.

ISN Archives

Dr. Carl Gottschalk has accepted the responsibility to establish an Archive of the International Society of Nephrology. The Archive will consist of photographs, announcements, activities, and names of Council Members and Officers of the Society. Relevant information, documents, or photographs that are pertinent to the development and evolution of the ISN will be assembled in the Archive.

Members of the ISN or other readers of *Kidney International* having such material are requested to forward it to Dr. Gottschalk at the following address: Carl W. Gottschalk, M.D., Department of Medicine 226-H, University of North Carolina, Chapel Hill, North Carolina 27514 USA.

MEETINGS

The VII International Symposium on Urolithiasis and Related Clinical Research will be held in Cairns, Australia on August 24-27, 1992. Topics will include: epidemiology of stones; physiology, metabolism and biochemistry; medical and surgical treatment, including lithotripsy; and physicochemical aspects of stone formation. For further information, contact Dr.